

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	11945	((428/690,917) or (313/504,506)).CCLS.	US-PGPUB; USPAT	OR	OFF	2011/04/06 16:12
L2	5477	(257/40,E51.028, E51.036).CCLS.	US-PGPUB; USPAT	OR	OFF	2011/04/06 16:12
L3	774	(252/301.35).CCLS.	US-PGPUB; USPAT	OR	OFF	2011/04/06 16:12
L4	323	(528/8,394).CCLS.	US-PGPUB; USPAT	OR	OFF	2011/04/06 16:12
L5	884	(528/405,417).CCLS.	US-PGPUB; USPAT	OR	OFF	2011/04/06 16:13
L6	1357	(528/422).CCLS.	US-PGPUB; USPAT	OR	OFF	2011/04/06 16:13
L7	630	dibenzopyran\$5 or (dibenzo adj pyran\$5)	US-PGPUB; USPAT	OR	ON	2011/04/06 16:13
L8	1	7 and (4 or 5 or 6)	US-PGPUB; USPAT	OR	ON	2011/04/06 16:13
L9	3	7 and 2	US-PGPUB; USPAT	OR	ON	2011/04/06 16:14
L10	1	7 and 3	US-PGPUB; USPAT	OR	ON	2011/04/06 16:14
L11	8	7 and 1	US-PGPUB; USPAT	OR	ON	2011/04/06 16:14
L12	58179	conjugat\$5 with (polymer \$5 or copolymer\$5 or terpolymer\$5)	US-PGPUB; USPAT	OR	ON	2011/04/06 16:15

L13	24699	(electrolumines\$5 or lumines\$5 or fluores\$5 or phosphores\$5 or electrophosphores\$5 or (light with (emit\$5 or emiss\$5))) and 12	US-PGPUB; USPAT	OR	ON	2011/04/06 16:15
L14	294	13 and (4 or 5 or 6)	US-PGPUB; USPAT	OR	ON	2011/04/06 16:16
L15	52	5 and (4 or 6)	US-PGPUB; USPAT	OR	ON	2011/04/06 16:16
L16	46	15 not 14	US-PGPUB; USPAT	OR	ON	2011/04/06 16:16
L17	2811	13 and (1 or 2 or 3)	US-PGPUB; USPAT	OR	ON	2011/04/06 16:17
L18	89	(electrolumines\$5 or lumines\$5 or fluores\$5 or phosphores\$5 or electrophosphores\$5 or (light with (emit\$5 or emiss\$5))) and 5	US-PGPUB; USPAT	OR	ON	2011/04/06 16:17
L19	45	18 not (14 or 15)	US-PGPUB; USPAT	OR	ON	2011/04/06 16:17
L20	429	(electrolumines\$5 or lumines\$5 or fluores\$5 or phosphores\$5 or electrophosphores\$5 or (light with (emit\$5 or emiss\$5))) and (4 or 6)	US-PGPUB; USPAT	OR	ON	2011/04/06 16:18
L21	157	20 not (14 or 15 or 18)	US-PGPUB; USPAT	OR	ON	2011/04/06 16:18
L22	48545	(electrolumines\$5 or lumines\$5 or fluores\$5 or phosphores\$5 or electrophosphores\$5 or (light with (emit\$5 or emiss\$5))) with (polymer\$5 or copolymer\$5 or terpolymer\$5)	US-PGPUB; USPAT	OR	ON	2011/04/06 16:18
L23	1658	22 and "528"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2011/04/06 16:19

L24	978	23 and (anode or cathode or electrode)	US-PGPUB; USPAT	OR	ON	2011/04/06 16:19
L25	680	24 not (14 or 15 or 18 or 20)	US-PGPUB; USPAT	OR	ON	2011/04/06 16:19
L26	2725	17 and (anode or cathode or electrode)	US-PGPUB; USPAT	OR	ON	2011/04/06 16:20
L27	5942	22 and (1 or 2 or 3)	US-PGPUB; USPAT	OR	ON	2011/04/06 16:20
L28	2254	27 and 12	US-PGPUB; USPAT	OR	ON	2011/04/06 16:21
L29	2184	28 and (anode or cathode or electrode)	US-PGPUB; USPAT	OR	ON	2011/04/06 16:21
L30	1866	29 not (14 or 15 or 18 or 20 or 24)	US-PGPUB; USPAT	OR	ON	2011/04/06 16:21
L31	59	29 and (doi.in. or kobayashi.in. or noguchi.in.)	US-PGPUB; USPAT	OR	ON	2011/04/06 16:22
L32	2093	29 and (oled or led or electrolumines\$5)	US-PGPUB; USPAT	OR	ON	2011/04/06 16:22
L33	1750	32 not (14 or 15 or 18 or 20 or 24 or 31)	US-PGPUB; USPAT	OR	ON	2011/04/06 16:23

### EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L34	591	(polymer with light with emitting with (anode or cathode or electrode)). clm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/04/06 16:28
L35	297	(conjugat\$5 with (polymer \$5 or copolymer\$5 or terpolymer\$5)) and 34	US-PGPUB; USPAT; UPAD	OR	ON	2011/04/06 16:28

L36	552	((polymer or copolymer or terpolymer) with ((light with emiss\$5) or fluores\$5 or lumines\$5 or electrolumines\$5 or phosphores\$5 or electrophosphores\$5 or triplet) with (anode or cathode or electrode)). clm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/04/06 16:30
L37	313	(conjugat\$5 with (polymer \$5 or copolymer\$5 or terpolymer\$5)) and 36	US-PGPUB; USPAT; UPAD	OR	ON	2011/04/06 16:31
L38	170	37 not 35	US-PGPUB; USPAT; UPAD	OR	ON	2011/04/06 16:31
L39	4489	((polymer or copolymer or terpolymer) and ((light with (emit\$5 or emiss\$5)) or fluores\$5 or lumines\$5 or electrolumines\$5 or phosphores\$5 or electrophosphores\$5 or triplet) and (anode or cathode or electrode)). clm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/04/06 16:33
L40	2320	((polymer or copolymer or terpolymer) with ((light with (emit\$5 or emiss\$5)) or fluores\$5 or lumines\$5 or electrolumines\$5 or phosphores\$5 or electrophosphores\$5 or triplet)) and (anode or cathode or electrode)). clm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/04/06 16:37
L41	3022	((polymer or copolymer or terpolymer) and (((light with (emit\$5 or emiss\$5)) or fluores\$5 or lumines\$5 or electrolumines\$5 or phosphores\$5 or electrophosphores\$5 or triplet) with (anode or cathode or electrode))). clm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/04/06 16:37
L42	1975	40 and 41	US-PGPUB; USPAT; UPAD	OR	ON	2011/04/06 16:37

L43	863	(conjugat\$5 with (polymer\$5 or copolymer\$5 or terpolymer\$5)) and 42	US-PGPUB; USPAT; UPAD	OR	ON	2011/04/06 16:38
L44	396	43 not (35 or 37)	US-PGPUB; USPAT; UPAD	OR	ON	2011/04/06 16:38
L45	991	(conjugat\$5 with (polymer\$5 or copolymer\$5 or terpolymer\$5)) and 40	US-PGPUB; USPAT; UPAD	OR	ON	2011/04/06 16:39
L46	128	45 not (35 or 37 or 43)	US-PGPUB; USPAT; UPAD	OR	ON	2011/04/06 16:39

**4/ 6/ 2011 4:40:35 PM**

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